

DEPARTMENT OF THE ARMY CHICAGO DISTRICT, CORPS OF ENGINEERS 219 SOUTH DEARBORN STREET CHICAGO, ILLINOIS 60604

NCCOD~P 4477305 22 March 1974

Mr. Donald A. Wallgren
Federal Activities Coordination Branch
Surveillance and Analysis Division
U. S. Environmental Protection Agency
One North Wacker Drive
Chicago, Illinois 60606

Dear Mr. Wallgren:

U. S. Steel Corporation, Pittsburgh, Pennsylvania, has submitted an application for a Department of the Army permit to conduct maintenance dredging at the Gary Works Plant, Gary, Indiana.

We will be issuing a public notice for the proposed work very shortly. To provide you with advance notice of the proposed dredging, inclosed are copies of the drawings and a bottom sediment analysis which we requested, of areas to be dredged.

2 Incl

1. Drawings

2. Analysis

JAMES P. JONES

Sincerely yours,

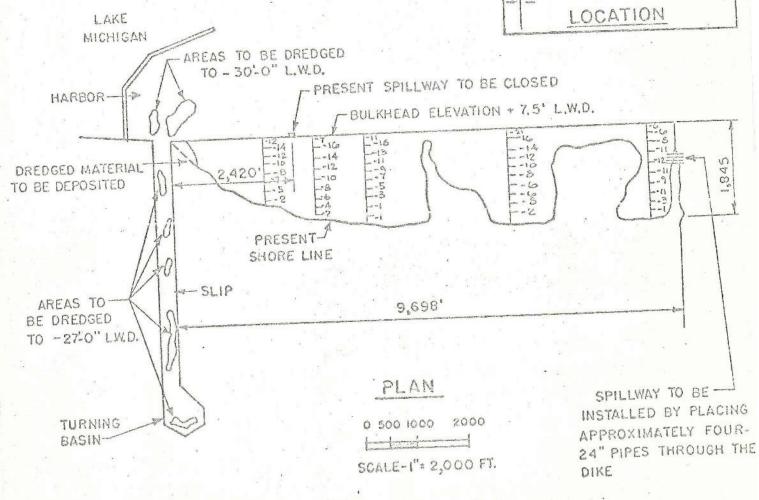
Chief, Operations Division

LAKE MICHIGAN

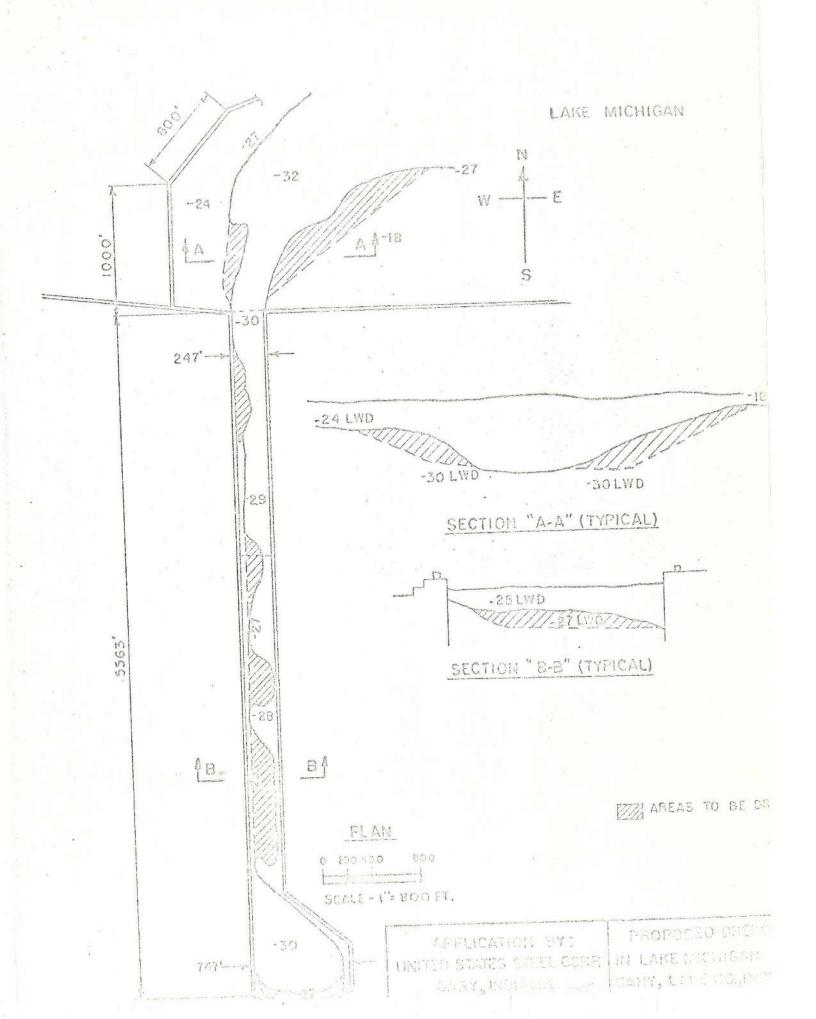
ALL ELEVATIONS AND SOUNDINGS ARE IN FEET AND REFER TO LOW WATER DATUM FOR LAKE MICHIGAN ELEVATION 576.8 FEET LC.L.D. (1955)

APPROXIMATELY 60,000 CUBIC YARDS TO BE DREDGED & DEPOSITED BEHIND BULKHEAD AS SHOWN





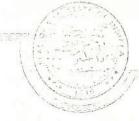
APPLICATION BY: UNITED STATES STEEL CORP GARY, INDIANA PROPOSED DREDGING IN LAKE MICHIGAN AT GARY, LAKE CO., INDIANA



UNITED STATES STEEL CORPORATION CARY WORKS WATER QUALITY CONTROL LABORATORY

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INDIANAPOLIS 46206

1330 West Michigan Street 633-4420

October 9, 1973

STREAM POLLUTION CONTROL BOARD

yr. H. J. Dunsmore
Director - Environmental Control
U. S. Steel Corporation
600 Grant Street
Pittsburgh, Pennsylvania 15230

Dear Mr. Duasmore:

Re: Dredging, Slip and Harbor U. S. Steel, Gary, Indiana

We have examined your application for permission to dredge the slip and harbor at your Gary, Indiana works. The spoil material would approximate 60,000 cubic yards of sand and clay and would be deposited behind a bulkhead along the shore line of Lake Michigan, immediately to the east of the slip.

We have no objections to the dredging operation but must insist that the operations be conducted by bydraulic cutter head style dredge with the spoil material transported by pipeline to the proposed fill area. We will not permit use of clam shell buckets nor the use of dumn bottom barges. Approval must also be obtained from the Department of Natural Pesources. It is your responsibility to determine if an NPDES Permit is required for this discharge.

We also ask that a daily sample of the vater returning through the spillway be sampled and an analysis be run for oil, free irou, and suspended solids, and filed monthly with our office.

Please submit the details of the dredging procedures to this office for clearance before dredging commences.

Very truly yours,

and H. Henders

Cral H. Hert Technical Secretary

RJCleaton/cab
cc: Department of Matural Resources
Corps of Engineers

ENVIRONMENTAL IMPACT STATEMENT DETERMINATION

Application Number: #4477305

Applicant: U. S. Steel Corporation

Location: Lake Michigan, Gary, Indiana

Work or Structure: Dredging (60,000 Cubic Yards)

Purpose: Maintenance

- The environmental impact for the proposed maintenance dredging at the Gary Works Plant in Lake Michigan at Gary, Indiana has been evaluated as follows:
 - a. No effects on the following:
 - 1. Historic values
 - b. Possible impact on the following:
- Recreation: Depending upon the amount of water turbidity during dredging operations, water related recreational activities could be affected.
- 2. Aesthetics: Although the proposed maintenance should not produce significant visual effects, the effects of odor from dredged material may be a possibility.
 - c. Impact on the following:
- 1. Water Quality: The proposed maintenance dredging will be performed with a hydraulic dredge and water turbidity is expected to increase during the period of dredging. U.S. Steel has agreed to identify pollutants in the material to be dredged, water quality analysis will be conducted prior to dredging and a monitoring program will be in effect during the dredging operation and for 30 days after job completion. An existing spillway, elevation +2.0'LWD and 10 feet wide will be closed. Four 24" submerged pipes will be located opposite the end of the proposed disposal area. This combination should minimize turbidity at the effluent outfall. The effluent will be monitored by U. S. Steel during and after dredging operations, and necessary action will be taken to maintain an acceptable quality of effluent.
 - 2. Fauna and Flora: Fauna and Flora existing in the proposed dredging area will be displaced. Since the dredged material will be deposited behind a retaining bulkhead authorized under a previous permit it is assumed Fauna and Flora will also be displaced in that area.

NCCOD-P Environmental Impact Statement Determination

- 2. The applicant has received a permit from the Indiana Department of Natural Resources and a letter of no objection from the Indiana 'tream Pollution Control Board subject to conditions included in the above discussion on water quality.
- 3. It is concluded that an environmental impact statement would be of little value in the review of this application

JAMES M. MILLER

Colonel, Corps of Engineers

District Engineer